

DECLARATION FOR PATENT APPLICATION  
WITH POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY POSITIONING APPARATUS (Case ANL-IN-01-052), the specification of which

(check one)   X   is attached hereto.  
\_\_\_\_\_ was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_  
and was amended on \_\_\_\_\_  
(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			<u>Priority Claimed</u>	
NONE				
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<u>YES</u>	<u>NO</u>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<u>YES</u>	<u>NO</u>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<u>YES</u>	<u>NO</u>

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the

claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

<u>          </u>	<u>          </u>	<u>          </u>
(App.Ser.No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

<u>          </u>	<u>          </u>	<u>          </u>
(App.Ser.No.)	(Filing Date)	(Status)
		(patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

And I hereby appoint Joan Pennington (Reg. No. 30,885), a member of the Bar of the State of Illinois, using the address 535 North Michigan Avenue Unit #1804, Chicago, Illinois 60611 (Reg. No. 30,885), (Telephone 312/670-0736; Facsimile 312/670-7864), my attorney, with full power of substitution and revocation, to file this declaration, and to transact all business in the Patent and Trademark Office connected therewith. It is requested that all correspondence should be directed to:

**Joan Pennington**  
**535 North Michigan Avenue Unit #1804**  
**Chicago, Illinois 60611.**

Full name of sole or first inventor Gennadiy Yershov

Inventor's signature \_\_\_\_\_

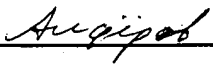
5/3/02  
 (Date)

Residence 10S453 Echo Ln #5, Hinsdale, Illinois 60521

Citizenship Russia

Post Office Address same as above

Full name of sole or joint inventor Oleg Alferov

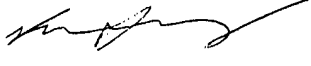
Inventor's signature  05/03/2002  
(Date)

Residence 2516 Crystal Ct #7-103, Woodridge, Illinois 60517

Citizenship Russia

Post Office Address same as above

Full name of sole or joint inventor Alexander Kukhtin

Inventor's signature  5/3/02  
(Date)

Residence 16W671 Mockingbird Ln #204, Hinsdale, Illinois 60521

Citizenship Russia

Post Office Address same as above

05-17-2002

DEPARTMENT OF COMMERCE



102093163

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Gennadiy Yershov  
Oleg Alferov  
Alexander Kukhtin

05/06/02

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

## 2. Name and address of receiving party(ies):

Name: The University of Chicago

Internal Address:

Street Address: 5801 South Ellis Avenue

City: Chicago State: Illinois ZIP: 60637

Additional name(s) & address(es) attached: ☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: May 3, 2002

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: May 3, 2002

a. Patent Application No.(s) ANL-IN-01-052

b. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joan Pennington

Internal Address: Unit 1804

Street Address:

535 North Michigan Avenue

City: Chicago State: IL ZIP: 60611

## 6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... \$ 40.00

Enclosed

☒ Authorized to be charged to deposit account

## 8. Deposit account number:

50-1048 of Joan Pennington

(Attach duplicate copy of this page if paying by deposit account)

05/16/2002 LNUELLER 00000255-501048 10139842

01 FC:581

40.00 CH

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joan Pennington

Name of Person Signing

Signature

Date

Total number of pages: 2

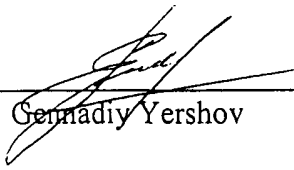
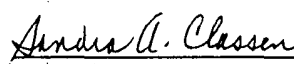
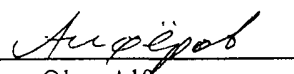
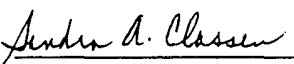
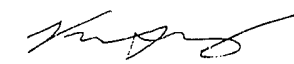
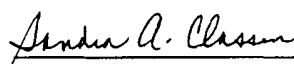
Joan Pennington MAY 6, 2002

10/139842  
05/06/02

## ASSIGNMENT

We, Gennadiy Yershov and Alexander Kukhtin of Hinsdale, and Oleg Alferov of Woodridge, all in the State of Illinois, for good and valuable considerations to us in hand paid, the receipt and sufficiency whereof is hereby acknowledged, have sold, assigned, conveyed and set over, and do hereby sell, assign, convey and set over unto THE UNIVERSITY OF CHICAGO, an Illinois corporation, organized under the laws of the State of Illinois, having a place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, its successors and assigns, the entire right, title and interest in and to all subject matter invented or designed by us and disclosed in the patent application for the BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY POSITIONING APPARATUS, ANL Case No. ANL-IN-01-052, executed by us on the date hereinafter set forth, and any divisions and continuations thereof and in and to all Letters Patent of the United States, including any reissues and extensions thereof that may be obtained therefor, and the right, where such right can be legally exercised, in its own name to apply for and obtain Letters Patent, Inventor's Certificates, Utility Models and Designs, in countries foreign to the United States, including the full right to claim for any such application the benefits of the International Convention as fully and entirely as we could have done if the application had been in our names, and the entire interest in any Letters Patent, Inventor's Certificate, Utility Model or Design which may be granted on any such application in such foreign country; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue Letters Patent, Inventor's Certificates, Utility Models or Designs, on applications as aforesaid, to issue any and all Letters Patent, Inventor's Certificates, Utility Models and Designs that may be granted for said invention to said UNIVERSITY OF CHICAGO, its successors and assigns.

And for the above-named considerations, we hereby agree that we will without additional compensation but without cost to ourselves, promptly communicate to said UNIVERSITY OF CHICAGO, its successors and assigns, any facts known to us respecting said invention whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications for Letters Patent, Inventor's Certificates, Utility Models and Designs and assignments thereof, make all rightful oaths and generally do everything possible to aid said assignee, its successors and assigns, as and when requested by them, in obtaining and enforcing proper Letters Patents, Inventor's Certificate, Utility Model and Design protection for said invention or inventions and improvements, in the United States and in all other countries.

 Gennadiy Yershov	<u>5/3/02</u> Date	 Sandra A. Classen Witness	<u>5/3/02</u> Date
 Oleg Alferov	<u>05/03/2002</u> Date	 Sandra A. Classen Witness	<u>5/3/02</u> Date
 Alexander Kukhtin	<u>5/3/02</u> Date	 Sandra A. Classen Witness	<u>5/3/02</u> Date



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

JULY 17, 2002

PTAS

JOAN PENNINGTON  
535 NORTH MICHIGAN AVENUE  
UNIT 1804  
CHICAGO, IL 60611

Chief Information Officer  
Washington, DC 20231  
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\*102093163A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/06/2002

REEL/FRAME: 012891/0712  
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

YERSHOV, GENNADIY

DOC DATE: 05/03/2002

ASSIGNOR:

ALFEROV, OLEG

DOC DATE: 05/03/2002

ASSIGNOR:

KUKHTIN, ALEXANDER

DOC DATE: 05/03/2002

ASSIGNEE:

CHICAGO, UNIVERSITY OF, THE UN  
5801 SOUTH ELLIS AVENUE  
CHICAGO, ILLINOIS 60637

SERIAL NUMBER: 10139842

PATENT NUMBER:

FILING DATE: 05/06/2002

ISSUE DATE:

012891/0712 PAGE 2

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS